

C1
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wherein said control part controls said color space converting part to reduce bit numbers for [each color signal] video signals transferred through said interface part correspondingly with a selected one of said predetermined, diverse color spaces.

SUBDD

10. (Twice-Amended) An image pickup apparatus comprising:
an image sensor for photo-electrically converting a picked-up object image into an electrical signal;
a video signal generating part for forming a video signal from the electrical signal;
a color space converting part having a plurality of predetermined, diverse color spaces selectable therein for converting a color space of the video signal; and
an interface part for externally transferring the video signal,
wherein said color space converting part is controlled by a control apparatus connected to said interface part to reduce bit numbers for [each color signal] video signals transferred through said interface part correspondingly with a selected one of said predetermined, diverse color spaces.

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SUBDD

20. (Twice-Amended) An image pickup unit comprising:
image pickup means for picking up an optical image to form a picked-up image signal;
interface means for performing communication with an external signal processing apparatus; and
compression control means having a plurality of predetermined, diverse bit reduction data for controlling and

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reducing bit numbers for [each color signal] picked-up signals transferred according to a control signal supplied from said external signal processing apparatus through said interface means and indicative of a selected one of said plurality of predetermined diverse bit number reduction data.

SUBD 4

24. (Twice-Amended) A picked-up image signal processing means comprising:

interface means for performing communication with an image pickup unit including image pickup means for picking up an optical image to form a picked-up image signal and a plurality of predetermined, diverse bit number reduction data therein; and

transmission control means for transmitting to said image pickup unit through said interface means a control signal for controlling and reducing bit number of [each color signal] picked-up image signals transferred through said interface means, said control signal being indicative of a selected one of said predetermined, diverse bit number reduction data.

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Enter the following additional claim.

SUBD 5

28. An image pickup system adapted for use with any one of plural, diverse type image display devices, comprising:

an image pickup apparatus including an image sensor for photo-electrically converting a picked-up object image into an electrical signal, a video signal generating part for forming a video signal from the electrical signal, and a color space converting part having a plurality of predetermined, diverse color

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